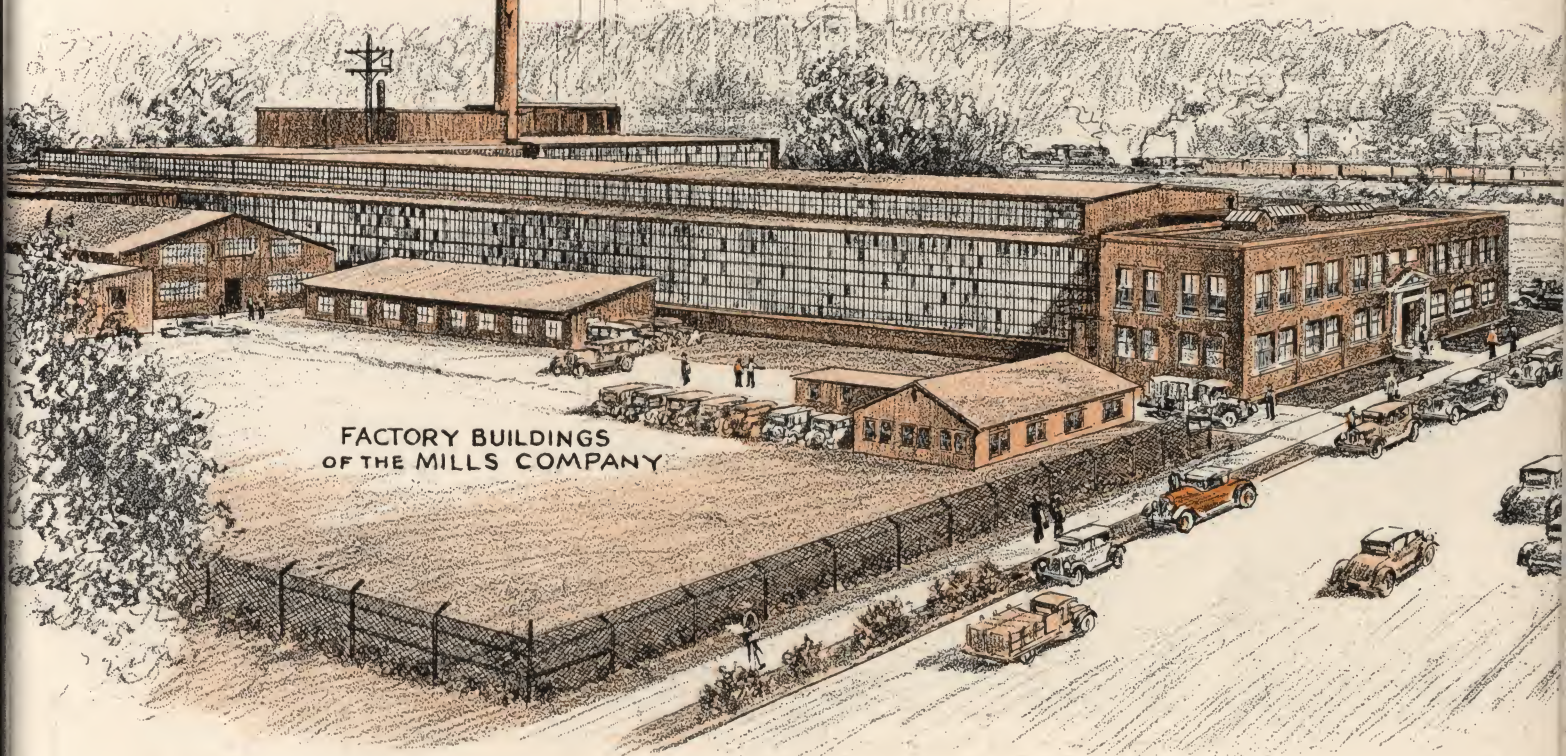


A MILLS METAL PARTITION FOR EVERY PURPOSE



FACTORY BUILDINGS
OF THE MILLS COMPANY



THE MILLS COMPANY

Mills Metal Partitions for Every Purpose

Wayside Road at Nickel Plate Railroad

CLEVELAND, OHIO

NEW YORK OFFICE, 11 West 42nd Street
SALES AGENTS IN ALL PRINCIPAL CITIES

Products

MILLS METAL EXECUTIVE OFFICE PARTITIONS.

MILLS METAL GENERAL OFFICE PARTITIONS.

MILLS METAL COMMERCIAL PARTITIONS.

MILLS METAL STANDARD TOILET PARTITIONS.

MARBLMETAL TOILET PARTITIONS.

MILLS METAL SHOWER DRESSING ROOMS AND BEAUTY PARLOR PARTITIONS.

MILLS METAL CUBICLES AND SCREENS.



acceptance of the idea of partitions built of interchangeable steel units.

Along with these developments in design and construction has come, also, as an integral part of the whole, a large factory devoted entirely to partition building; a substantial engineering organization schooled in partition design, and a national sales

organization with offices in more than sixty of the leading centers of the United States.

The Mills Company offers, therefore, an organized experience that has all of the substantiality of years of experience and the vigor of youth to advance those pioneering ideas which make for constant betterment.

The Mills Company

With a background of eighteen years metal working experience The Mills Company is a pioneer in making partitions of everlasting steel. Throughout the entire period of the development of steel partitions we have been intimately familiar with the various developments and improvements that have marked the rapid progress of this swiftly moving industry.

We have in fact made important contributions to this development; improvements in design, construction and appearance that have played their own important part in gaining still wider

Mills Metal Executive Office Partitions

Beautiful, entirely modern design. Lower panel is two steel sheets insulated with a sound-deadening material, a material entirely beyond the experimental stage. Actual tests have proved this partition to be practically soundproof.

Made standard in units from 20 inches wide to 60 inches wide in multiples of five inches so that wall fillers never have to exceed five inches. Panels are entirely interchangeable, a 40-inch panel is interchangeable with standard 40-inch door. Designed to accommodate any type or ordinary thickness of glass. The glass is inserted without the use of loose mouldings or screws. A corner is turned with standard units without any increase in post dimension.

Where exceedingly long runs of partition are required without intersecting partitions, the outside appearance is the same as short runs because a standard ceiling post inside regular post provides necessary reinforcements.

The cornice is double strength. Instead of one piece, we have provided two members, the outside architectural member being reinforced by an inside member and both rigidly anchored down to the post by a specially designed clip.

All transoms center pivoted and operated by positive-action concealed type operator. Floor channel is anchored absolutely tight to the floor which means that regardless of how uneven the floor may be (and nearly all floors are uneven) the partition base adheres tightly to the floor.

All vertical and horizontal sections are moulded instead of plain and each has twelve right angle bends giving greater strength, solidity and rigidity.

Additional Information

Opposite page gives additional information on design, construction, finish, etc.



Office of chief executive of large concern showing how such an office looks partitioned with Mills Metal Executive Office Partitions.

Mills Metal General Office Partitions

The Mills idea of interchangeable units has been further exemplified in our design and construction so that a partition for lesser important offices may be had in exactly the same beautiful design and exceptional structural strength as the Executive Offices Partition except the lower panels are not insulated.

This is our General Office Partition, an exact duplicate of our Executive Office except that the insulated panels are replaced with a single steel panel so assembled that they cannot rattle. Furnished at a lower price, it is widely used for general offices.

For both office types we recommend cornice height below the lowest ceiling obstruction, with a metal or plaster board filler to the ceiling with the filler finished the same as the ceiling.

Both Executive and General Office partitions are shipped from factory in units of four different cornice heights—7 ft. 4 in.; 8 ft. 8 in.; 9 ft. 2 in. and 10 ft. 4 in.—which will accommodate any ordinary ceiling heights with small filler above the cornice.

When it is desired we furnish superstructure for building any cornice height to ceiling. Transoms, grilles, wickets are all standardized and easily inserted



A Large General Office

Effective use of Mills Metal General Office Partitions. Neat, attractive, but less expensive than the Executive Office Partition shown on the following page

in the field without changing units. Standard door punching is so designed as to accommodate seven grades of Yale and Towne locks.

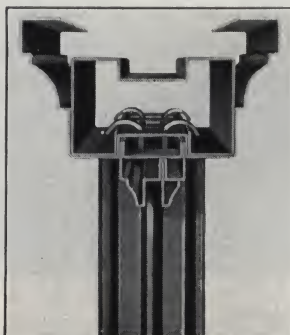
Finishes

All Mills Metal Office Partitions are finished in any plain color, two-tone effects or grained in perfect representation of wood.



Showing How Ornamental and Structural Cornice Members Are Rigidly Anchored to the Panel Uprights

Only one screw, and it is concealed. Openings on each side of bolt provides for dropping wires down through the post



End View of Ornamental and Structural Cornice and Another View of Cornice Hook Bolt

Construction that is strong and rigid



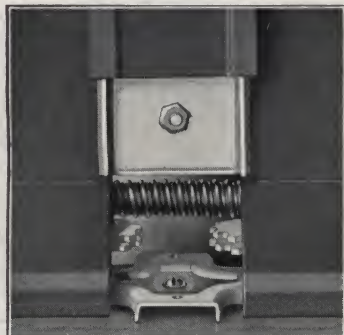
End View of One-piece Chair Rail

Note insulated panel below; groove for inserting glass above; opening in post for running of conduit



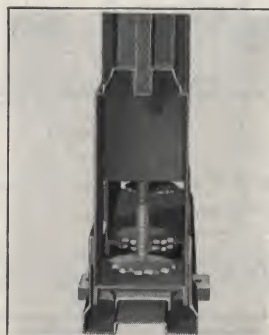
Telescopic Adjustable Double Wall Filler

Note how standard panel is anchored to the wall filler by through-bolted clip. Lower view shows how spacer forms four-point truss



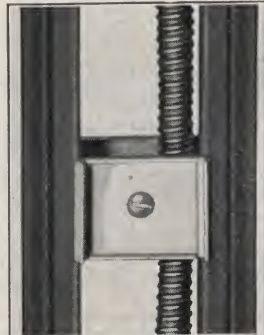
Plinth Block Removed to Show Adjustable Floor Fastening

Note how floor channel is anchored to floor. Above the leveling device is conduit; above conduit is friction clip for snapping plinth block into place



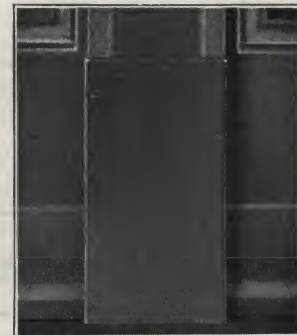
End View of Base and Floor Channel

Note how floor clamp holds floor channel to the floor and brings all floor channels into perfect alignment



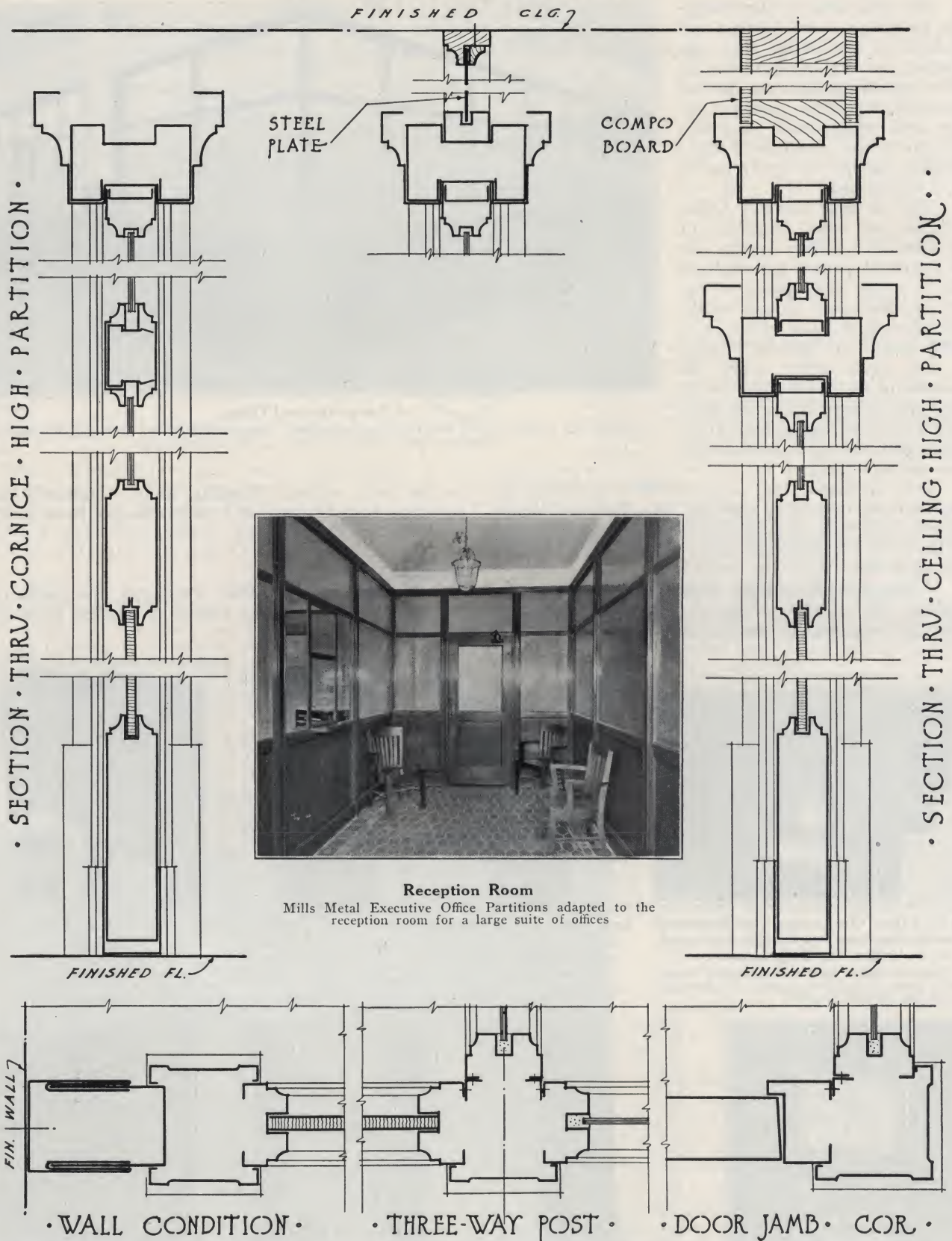
Through-bolted Clip

Spacer holds post at four points and when clip is drawn tight the four points of spacer form a four-way truss giving great strength and extreme rigidity



Plinth Block Snapped into Place

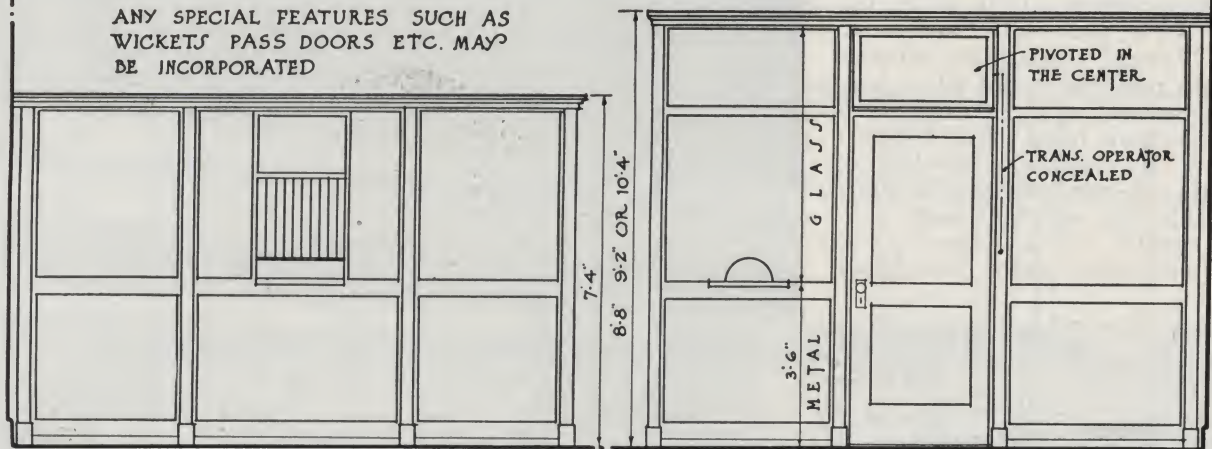
(Note cut at left margin.) Note how tight and neat the plinth block fits. No screws or bolts exposed



• DETAILS • OF • EXECUTIVE • OFFICE • PARTITIONS •

SCALE 3" = 1'-0"

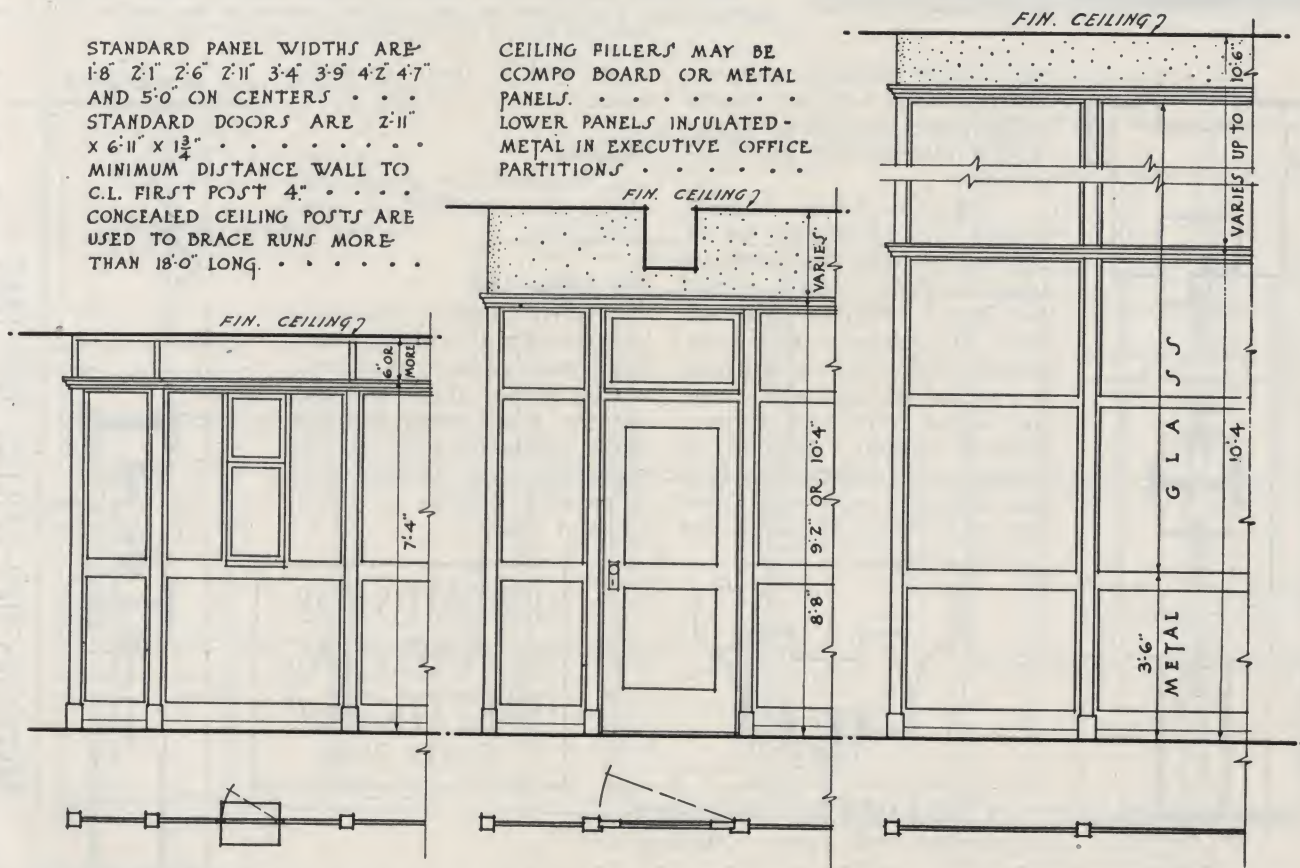
ANY SPECIAL FEATURES SUCH AS
WICKETS PASS DOORS ETC. MAY
BE INCORPORATED



• ELEVATIONS • CORNICE • HIGH • PARTITIONS •

STANDARD PANEL WIDTHS ARE:
1'-8" 2'-1" 2'-6" 2'-11" 3'-4" 3'-9" 4'-2" 4'-7"
AND 5'-0" ON CENTERS
STANDARD DOORS ARE 2'-11"
X 6'-11" X 1 3/4"
MINIMUM DISTANCE WALL TO
C.L. FIRST POST 4"
CONCEALED CEILING POSTS ARE
USED TO BRACE RUNS MORE
THAN 18'-0" LONG.

CEILING FILLERS MAY BE
COMPO BOARD OR METAL
PANELS.
LOWER PANELS INSULATED-
METAL IN EXECUTIVE OFFICE
PARTITIONS.



• ELEVATIONS • CEILING • HIGH • PARTITIONS •

ELEVATIONS • OF • EXECUTIVE • & •
GENERAL • OFFICE • PARTITIONS •

SCALE 1/4" = 1'-0"

Mills Metal Commercial Partitions

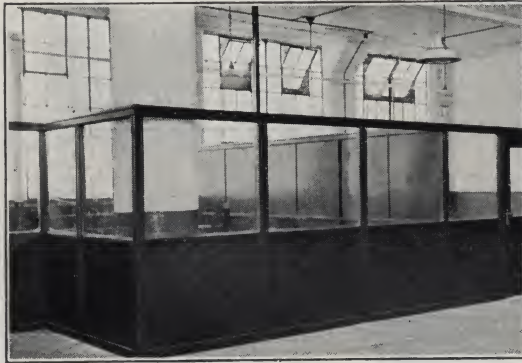
Made in standard size interchangeable units of 20, 30, 40, 50, 60, 80 and 100 in. wide and 42 and 21 in. high. Vertical connections between units are made by means of a 3-in. 4-way post to which all units are bolted, the units being joined horizontally by a substantial interlocking I-section. A standard door is interchangeable with any 40-in. unit.

Adaptable to any factory use. Glass, wire mesh, grilles, ventilators



Mills Metal Commercial Partitions Ceiling High in Steel and Glass

Right-hand side of this illustration shows partition extended up into monitor 26 ft. 4 in. above the floor. Left-hand shows wide lights cornice high



can replace standard units as desired. Steel and glass panels easily interchangeable by means of the intermediate rail connection.

Telescoping floor channels provide for adjustment up to 2½ in. so that the partition adheres tightly to the most uneven floors. Permits plenty of room for electric wires and cables. The bottom of the post is punched so that wires may run across entire run of partition if desired. Because of its extreme durability, flexibility and attractive price our Commercial Partition is one of the

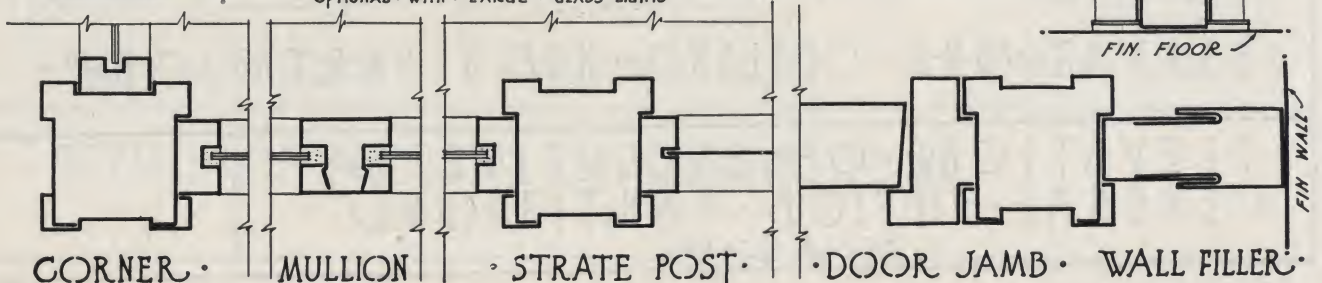
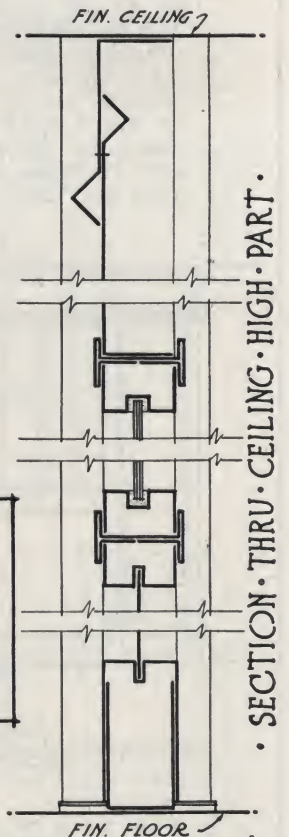
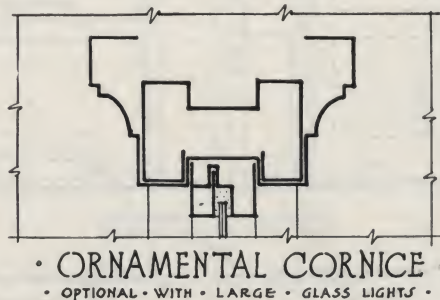
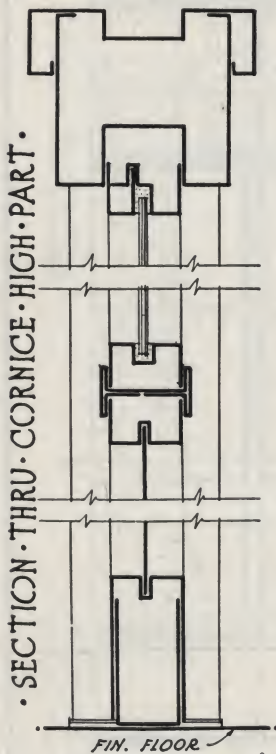
most widely used partitions made.

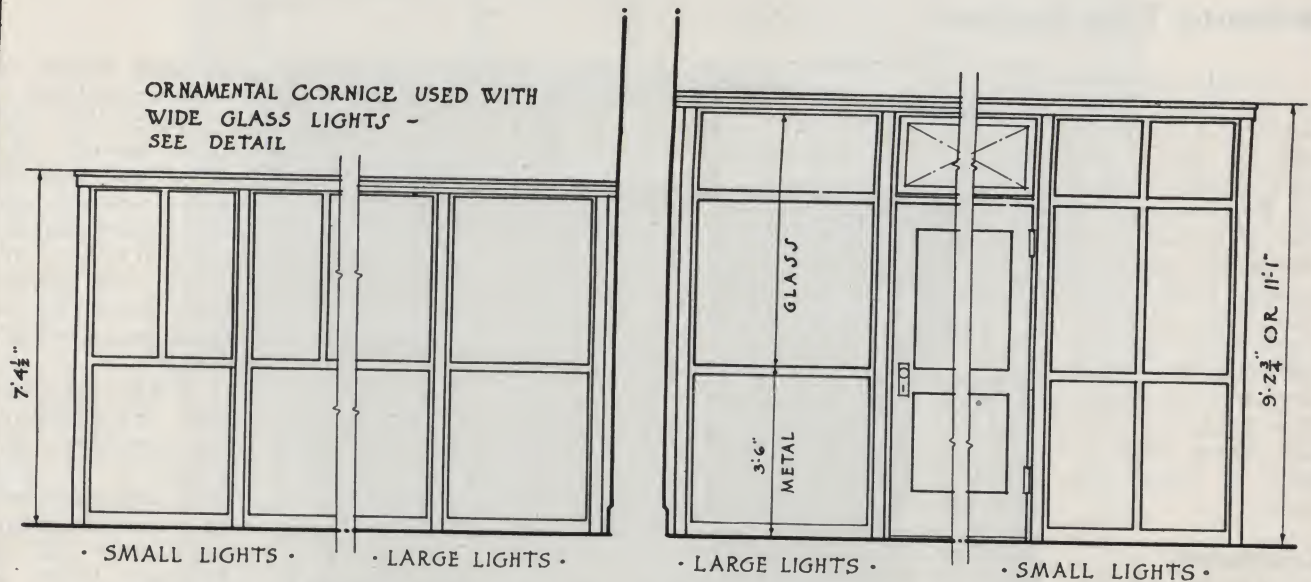
Finishes

Standard olive green. Any other color specified at small extra cost.

For Office Use

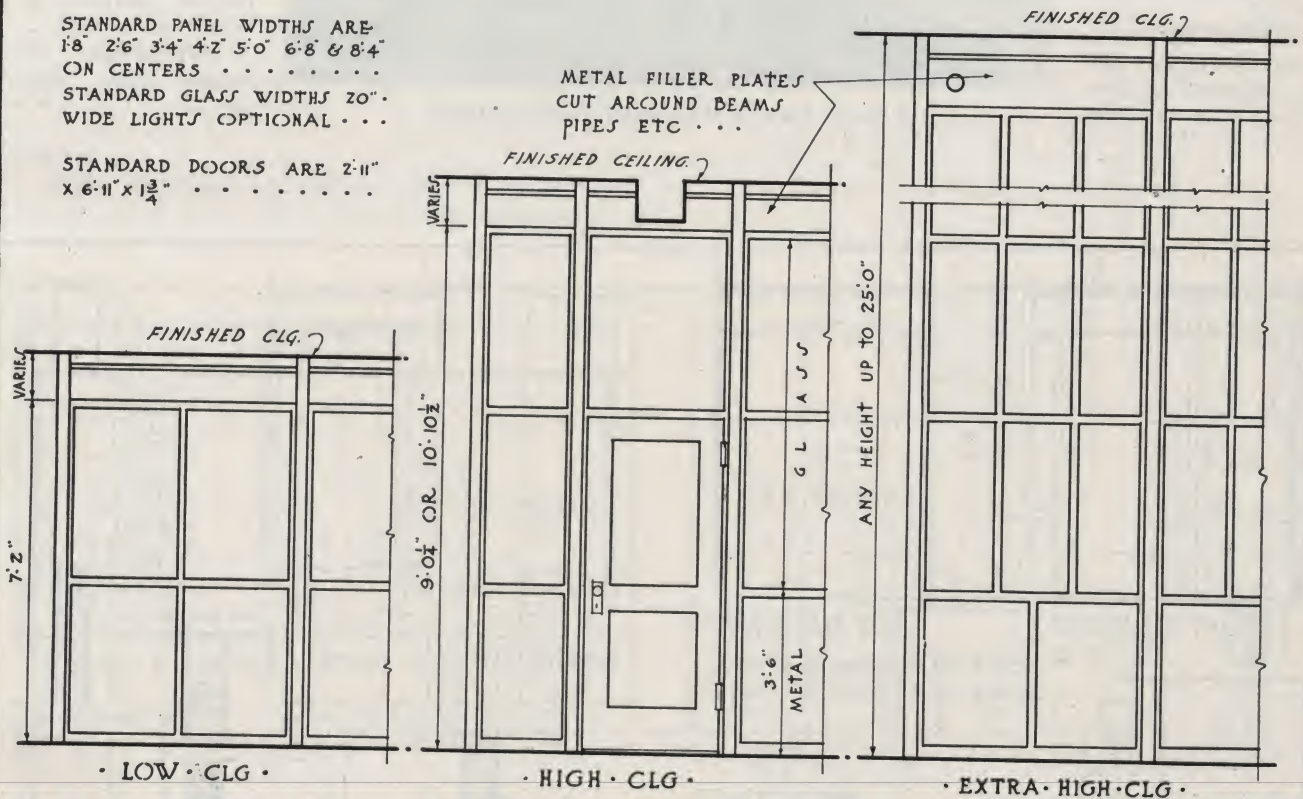
Narrow lights of glass may be replaced with wide lights and box cornice replaced by an ornamental cornice, thus transforming the Commercial Partition into a substantial neat and trim appearing office partition which is entirely suitable for many types of office.





• ELEVATIONS • CORNICE HIGH • PARTITIONS •

STANDARD PANEL WIDTHS ARE:
1'8" 2'6" 3'4" 4'2" 5'0" 6'8" & 8'4"
ON CENTERS
STANDARD GLASS WIDTHS 20"
WIDE LIGHTS OPTIONAL
STANDARD DOORS ARE 2'11"
X 6'11" X 1 3/4"



• ELEVATIONS • CEILING • HIGH • PARTITIONS •

• ELEVATIONS • OF • COMMERCIAL • PARTITIONS •

SCALE 1/4" = 1' 0"

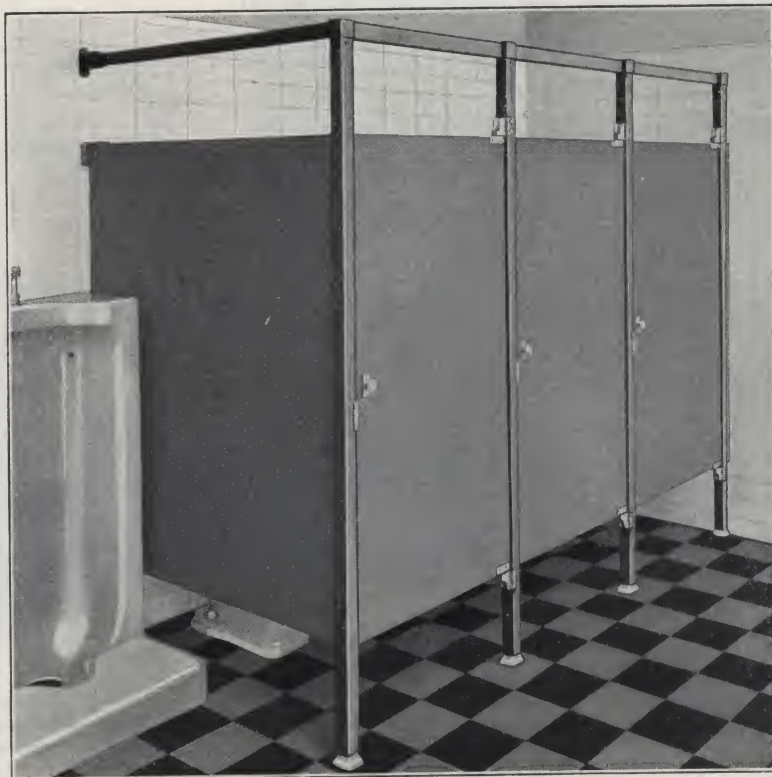
Marblmetal Toilet Partitions

A toilet partition for the finest buildings. A beautiful, smooth slab $\frac{3}{4}$ in. thick, insulated, giving the fine appearance of marble without the bad effects of porosity. Easy to keep clean. Can be refinished from year to year with the result the partition is always clean, neat and attractive. Being made of steel it lasts for years.

Construction

Posts— $1\frac{3}{4}$ -in. square seamless tubing, absolutely plain, no fluting, crevices or ledges of any kind to form lodging places for dirt.

Head Rail— $1\frac{3}{4}$ x 1-in. rectangular tubing. Designed in conformity with the gen-



A Good View of Marblmetal Toilet Partition

eral plain design of the entire partition.

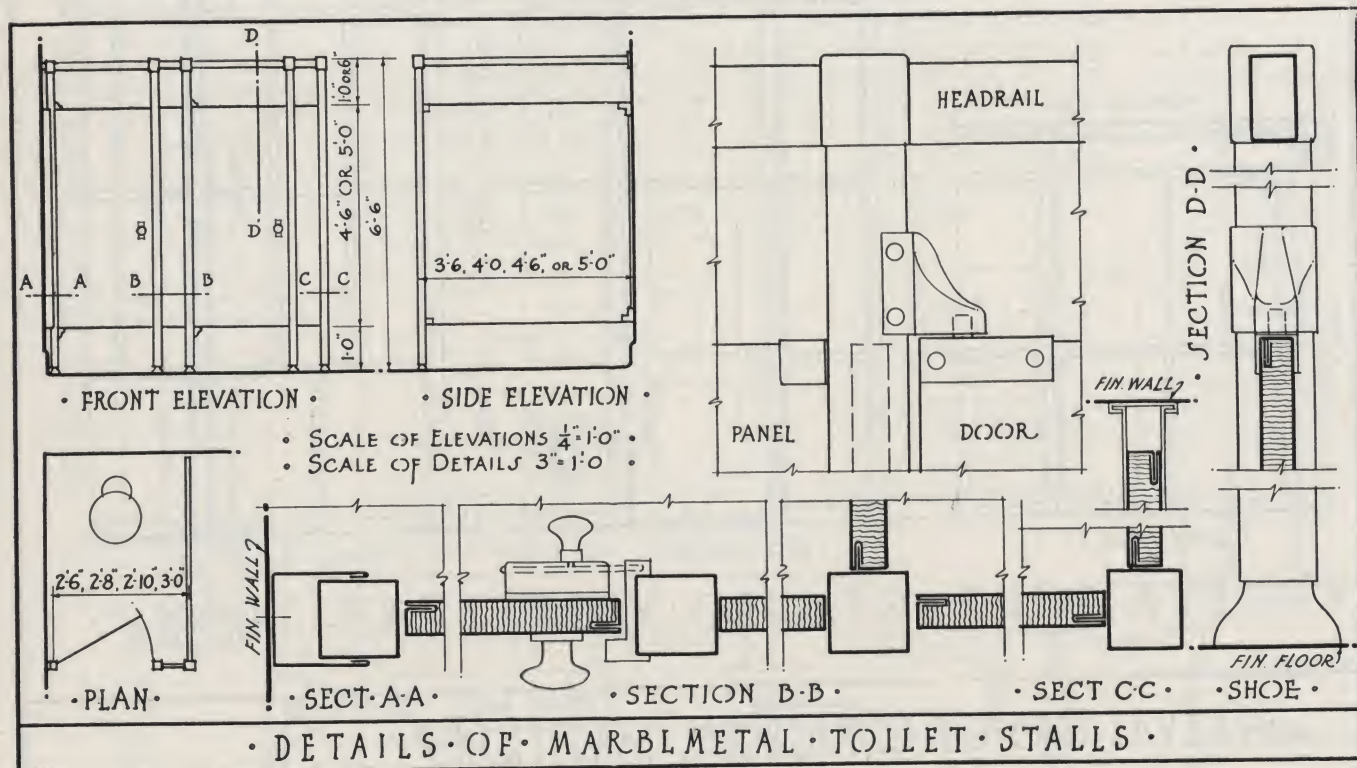
Shoe—Will not rust or corrode. Inside of the post instead of outside, positive insurance against concealed failure. Adjustable for uneven floors. Beautifully designed and absolutely sanitary.

Cap—Pressed metal. Furnished die cast aluminum alloy if desired at extra cost. Designed to hold the head rail rigid and to conform to the architectural beauty of the installation.

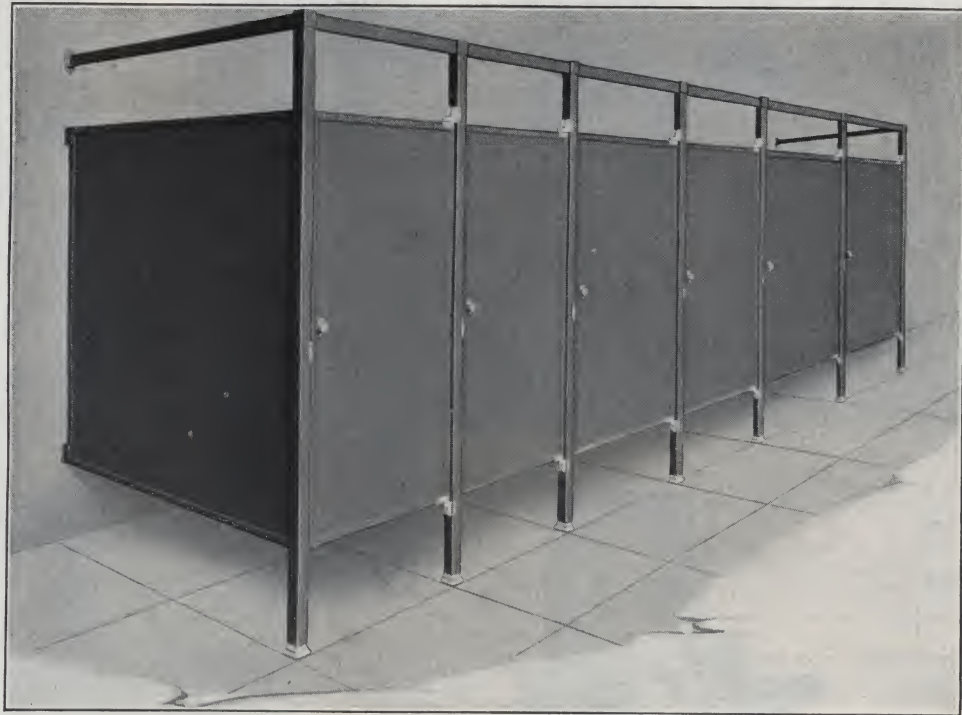
Finish

Finished standard gray, special colors can be furnished at a small extra cost.

Hardware—See second page following.



Mills Metal Standard Toilet Partitions



Mills Metal Standard Toilet Partitions

Head rail is standard 78 in. high (in accordance with recommendation of The Division of Simplified Practice Department of Commerce) with 54-in. panel set 12 in. off the floor and 12 in. to the head rail or 60-in. panel set 12 in. off the floor and 6 in. to the head rail.

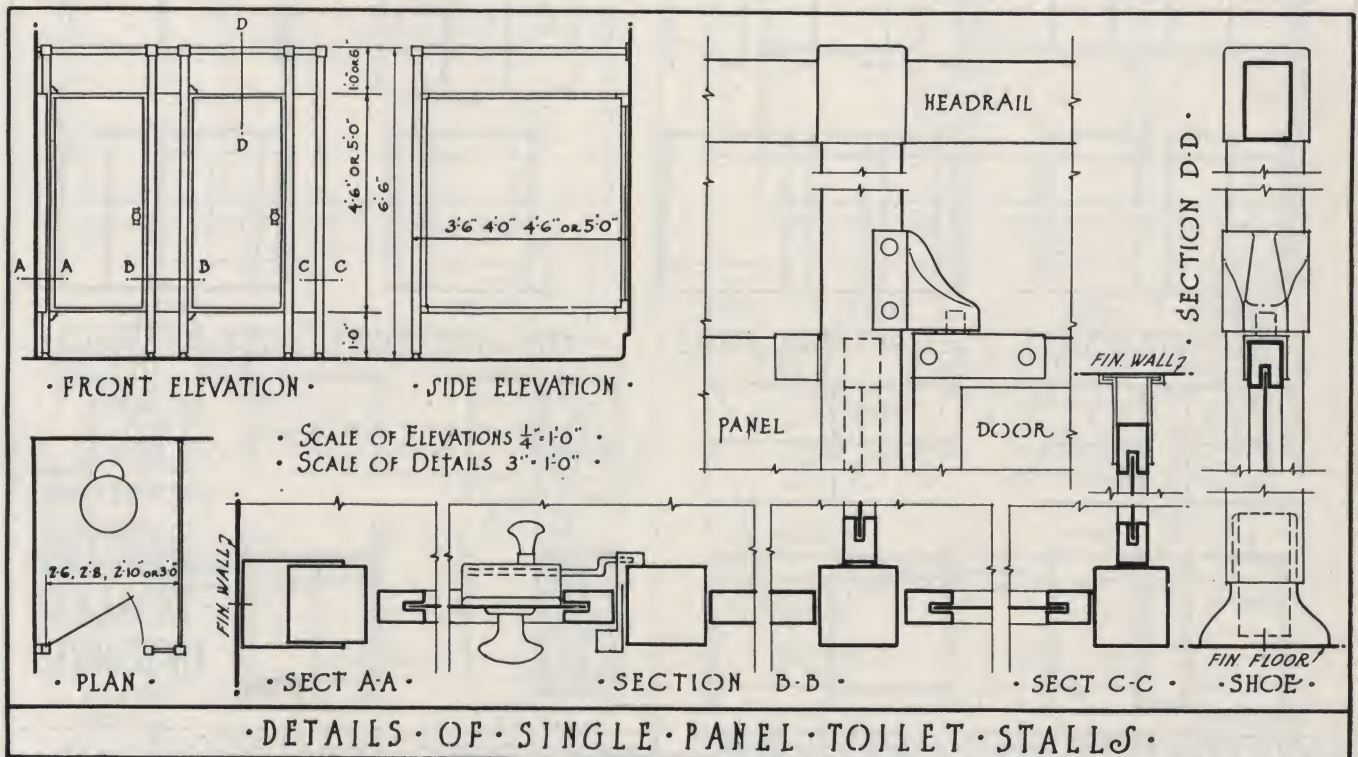
Built in units to permit any desired arrangement. Legs fit over rather than into shoes, eliminating all

lodging places for dirt and not a single opening to admit water or hold moisture.

Finish

Finished standard in olive green or gray. Special colors can be furnished at a small extra cost.

Hardware—See next page following.



Hardware for Toilet Partitions

All standard hardware used on our toilet partitions, both Marbl-metal and single panel is aluminum alloy.

Can be furnished either in nickel or chromium plated as specified at the necessary additional cost.

At the right are shown close-up photographs with explanatory notes together with close-up views of the new Mills Panel Clip and Wall Bracket with explanatory notes and below are architectural details.



New Mills Type Hinges

An entirely new conception of toilet partition hinges. Only two parts and these are through-bolted to both door and post. No



Mills Latch

Heavy aluminum alloy, slide bolt type connected to the stile of the door with through-bolts as an integral part of the knob. Special interior spring to prevent rattle. Design and finish in harmony with the other hardware



Mills Famous Internal Shoe

cams, setscrews, rollers, lock-nuts or other parts—nothing to get out of order. Easy to keep clean, simple to adjust to allow door to come to rest at any desired position. Made of aluminum alloy



New Panel Clip

Absolutely new. Solid U-clip grips panel and holds it tightly to the post with two heavy prongs. Prevents rocking or sagging and gives completely finished appearance at every corner. Cuts production cost and helps make lower selling prices. No other toilet partition has this feature



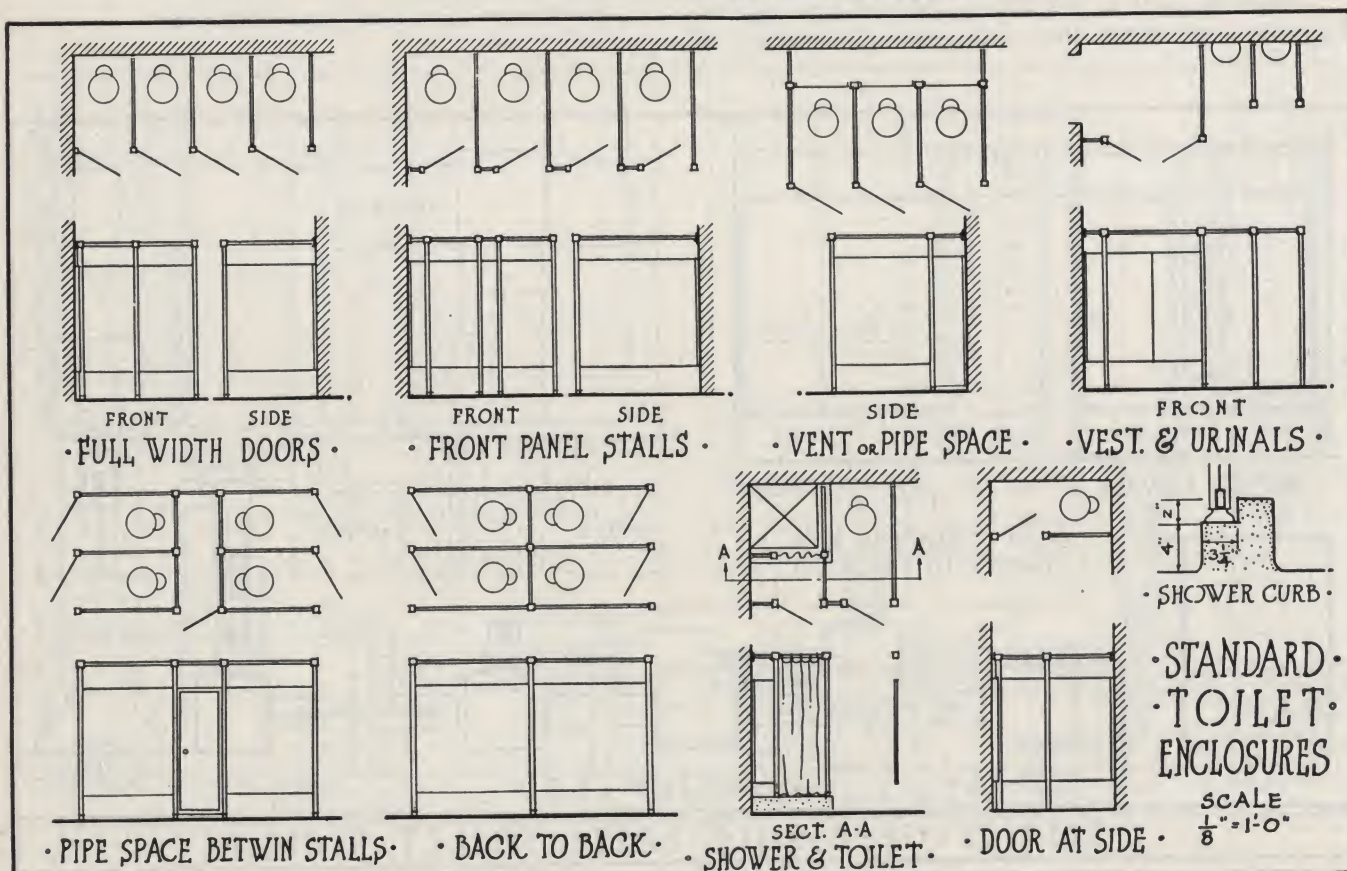
New Wall Bracket

Bracket and plate. The plate is adjustable and is attached to the wall before panel is put in position and is wide enough to cover screwhole and the unsightliness of plaster breaks around the hole.

After panel is in place the bracket is inserted by one simple, easy and quick operation and avoids any possibility of loosening wall connections in erecting the panel



A valuable feature. Shoe inside the post so that moisture positively cannot lodge and cause failure. Shoe attached to the floor by means of an expansion bolt inside the shoe. Perfectly smooth surface to the floor and provides a 2-in. adjustment for uneven floors. No other toilet partition has a shoe like this



MILLS METAL HOSPITAL CUBICLES



Right hand view shows Marblmetal cubicle and at the left is illustration of the single panel cubicle.



Our cubicles are manufactured in the same two construction classification as our toilet partitions—one in the single panel and the other in the Marblmetal construction.

Both classifications are built in multiple widths of 6 inches ranging in depth from 30 inches to 120 inches. Where the depth of the cubicle is more than 60 inches, an intermediate post is used in the center of the total dimension. Glass may be either clear, reinforced or translucent, either single strength or 1/4 inch thickness.

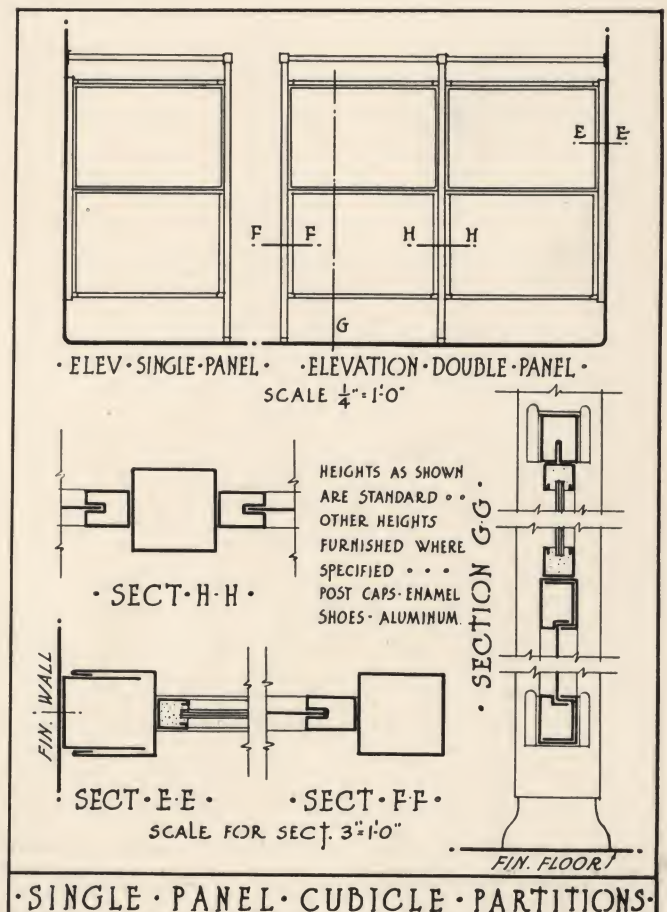
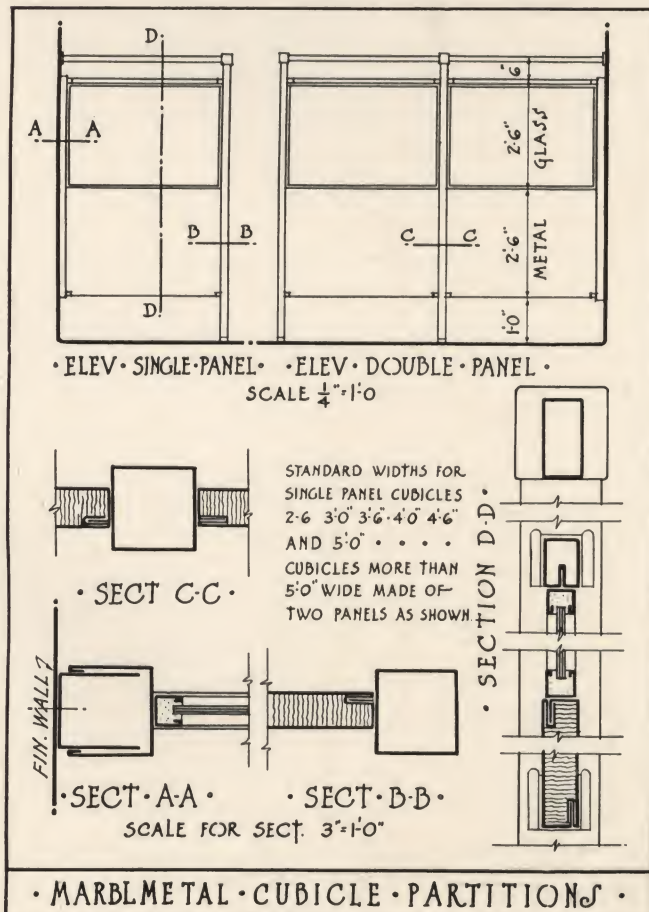
Overall height is 78 inches off the finished floor with lower panel starting 12 inches off the finished floor and with the glass line started 42 inches off the finished floor. Thus the top of the glass line finished 6 inches below the headrail or 72 inches off the finished floor.

Fittings

Shoes are plain aluminum. Post caps and wall fittings are enameled steel to match the finish of the partition.

Finish

Standard baked enamel in colors to harmonize with the hospital scheme.



Mills Metal References

There is an old adage to the effect that a man is best known by the company he keeps and we feel that the kind of customers we have attracted and held since we began business is eloquent testimony to the forward-looking aggressiveness we have ever displayed in keeping our products in the forefront of new design and construction.

Below is a list of just a few of Mills Metal users, a list of names that is really a "Who's Who" of American business.

Aluminum Company of America
The National Carbon Company
The Eastman Kodak Company
Chimes Tower Building, Syracuse, N. Y.
Newark Public Service Building, Newark, N. J.
Pennsylvania R. R.
Board of Education, Cleveland
Standard Oil of Ohio
Railway Exchange Building, St. Louis
Bankers Building, Chicago
Guardian Building, Cleveland
Empire Trust Company, New York City
B. & O. R. R.
Reading R. R. Ter
The Bell Telephone
General Electric
Plaza Building, Pitt

American Glanzstoff Corporation
Niagara Falls Power & Light Company
Black & Decker
Industrial Rayon Corporation
Western Electric Company
Nickel Plate R. R.
Acacia Mutual Life Building, Washington, D. C.
John Hopkins Hospital
General Motors Co.
Packard Motor Car Co.
Ford Motor Car Co.
Firestone Tire & Rubber Co.

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1962 – 2011

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Guardian Building, Cleveland
Empire Trust Company, New York City
B. & O. R. R.
Reading R. R. Terminal
The Bell Telephone Companies
General Electric
Plaza Building, Pittsburgh

American Glanzstoff Corporation
Niagara Falls Power & Light Company
Black & Decker
Industrial Rayon Corporation
Western Electric Company
Nickel Plate R. R.
Acacia Mutual Life Building, Washington, D. C.
John Hopkins Hospital
General Motors Co.
Packard Motor Car Co.
Ford Motor Car Co.
Firestone Tire & Rubber Co.
Studebaker Co.
Proctor & Gamble
Gruen Watch Makers
R. C. A. Radiotron Co., Inc.


THE MILLS COMPANY

A Mills Metal Partition for Every Purpose

965 WAYSIDE ROAD

CLEVELAND, OHIO

Representatives in All Principal Cities

MILLS  **METAL**
INTERCHANGEABLE PARTITIONS

A complete line of Interchangeable Partitions used in prominent buildings and manufacturing plants all over the United States.